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     (FILE 'HOME' ENTERED AT 10:50:58 ON 04 NOV 2008)

     FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, COMPUSCIENCE, BIOTECHNO' ENTERED
     AT 10:51:35 ON 04 NOV 2008
L1          6113 S METABOLIC ENGINEERING
L2      16182062 S METHOD
L3            25 S MAXIMIZING GROWTH RATE
L4            61 S LACTATE OVERPRODUCTION
L5          1567 S METABOLIC FLUX ANALYSIS
L6           404 S FLUX BALANCE ANALYSIS
L7          1213 S (CELL MODELLING) OR (CELL MODELING)
L8          2055 S CELL SIMULATION
L9             3 S BIOCHEMICAL PATHWAY SIMULATION
L10         6103 S METABOLIC FLUX
L11          861 S FLUX BALANCE
L12         9225 S OPTIMIZATION PROBLEM
L13         8632 S LINEAR PROGRAMMING
L14         7870 S OBJECTIVE FUNCTION
L15            3 S COUPL? (5N) OBJECTIVE FUNCTIONS
L16          329 S (BILEVEL OR DUAL) (3N) OPTIMIZATION
L17            0 S CELLULAR OBJECTIVE FUNCTION
L18            0 S BIOENGINEERING OBJECTIVE FUNCTION
                 E MARANAS C
                 E MARANAS C/AU
L19          211 S E3-5
                 E BURGARD A/AU
L20           78 S E3-4,E7-8
                 E PHARKYA P/AU
L21           25 S E3,E5
L22          231 S L19 OR L20 OR L21
L23           10 S L22 AND L
L24            6 S L22 AND L16
L25            3 DUP REM L24 (3 DUPLICATES REMOVED)

     FILE 'STNGUIDE' ENTERED AT 11:01:21 ON 04 NOV 2008

     FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, COMPUSCIENCE, BIOTECHNO' ENTERED
     AT 11:01:56 ON 04 NOV 2008
L26            3 S L16 AND L1
L27            2 DUP REM L26 (1 DUPLICATE REMOVED)
L28         1634 S MULTI CELLULAR
L29        17416 S L12 OR L13
L30            0 S L28 AND L29 AND METABOLIC
L31            0 S L28 AND L29
L32            8 S MULTICELLULAR AND L29
L33            4 DUP REM L32 (4 DUPLICATES REMOVED)

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